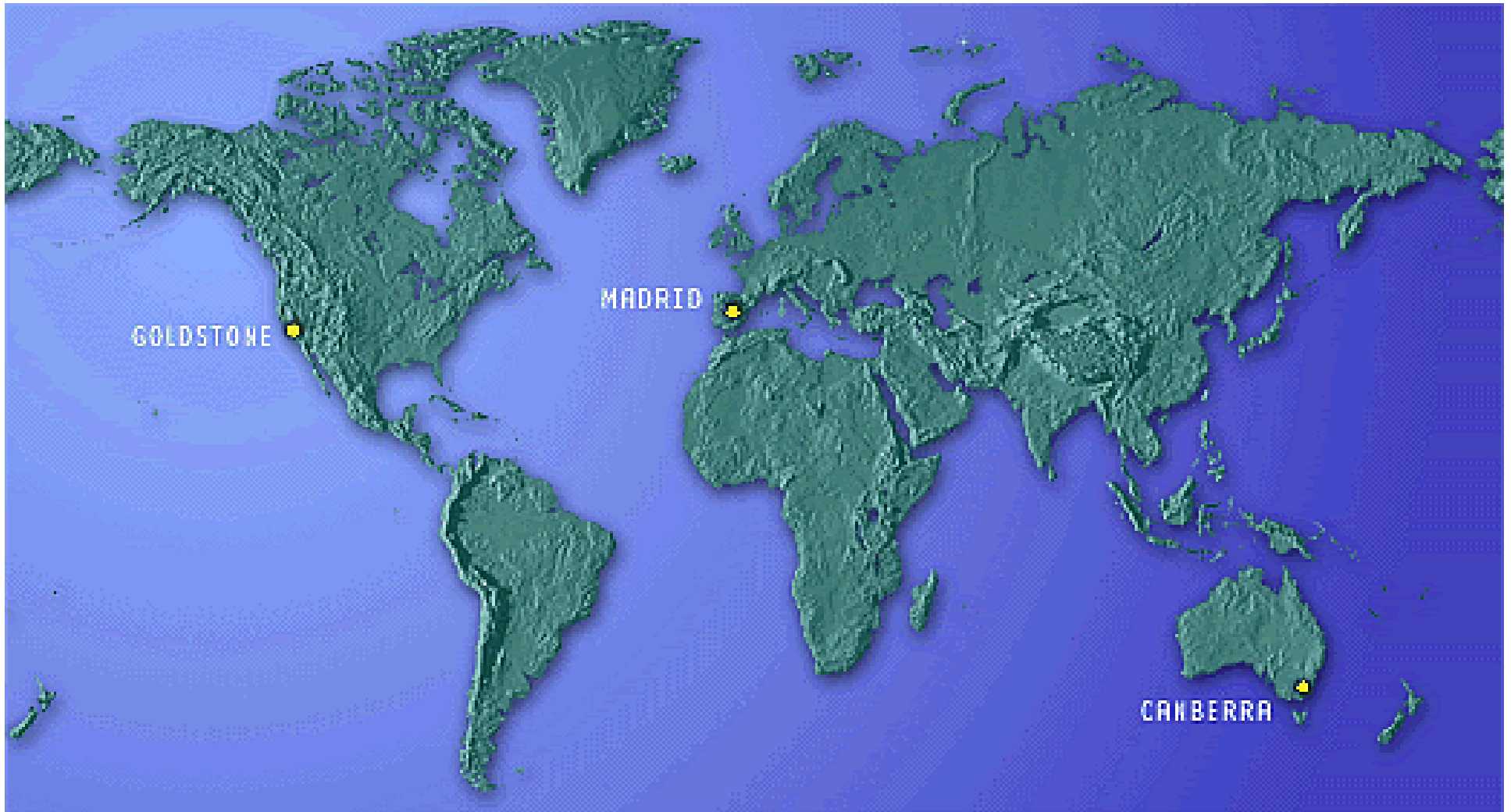


DSN Antenna Downtime Status and Forecast



<http://rapweb.jpl.nasa.gov/planning>

Proposed Downtimes Recommendations

2007

- **New DSS-43 proposed 10-day downtime for Grouting and Painting in weeks 5 and 6 of 2007 (DOY 033-042).**
- **Change DSS-65 Antenna Drive Cabinet Refurbishment to add 4 weeks to the back end of the existing downtime. Changing the downtime period from weeks 9 – 13 of 2007 to weeks 9 – 17 2007 and add 200W transmitter installation task as NIB.**
- **New DSS-66 Proposed 8-day downtime for Hydraulics Pumps and Brakes task in weeks 18 and 19 of 2007 (DOY 120-128).**
- **New DSS-46 Proposed 8-day downtime for Hydraulics Pumps and Brakes task in weeks 27 and 28 of 2007 (DOY 183-191).**

2008

- **New DSS-54 X/X-Ka Band Installation proposed for weeks 08 – 15 in 2008.**
- **New DSS-15 proposed 10-week downtime for Life Extension task in weeks 11 – 20 of 2007.**
- **New DSS-43 proposed 26-week downtime for Life Extension task in weeks 40 of 2008 – 13 of 2009.**

2009

- **New DSS-63 proposed 26-week downtime for Life Extension task in weeks 14 – 39 of 2009.**
- **New DSS-14 proposed 26-week downtime for Life Extension task in weeks 40 of 2009 – 13 of 2010.**

Antenna Downtime Status And Forecast Schedule

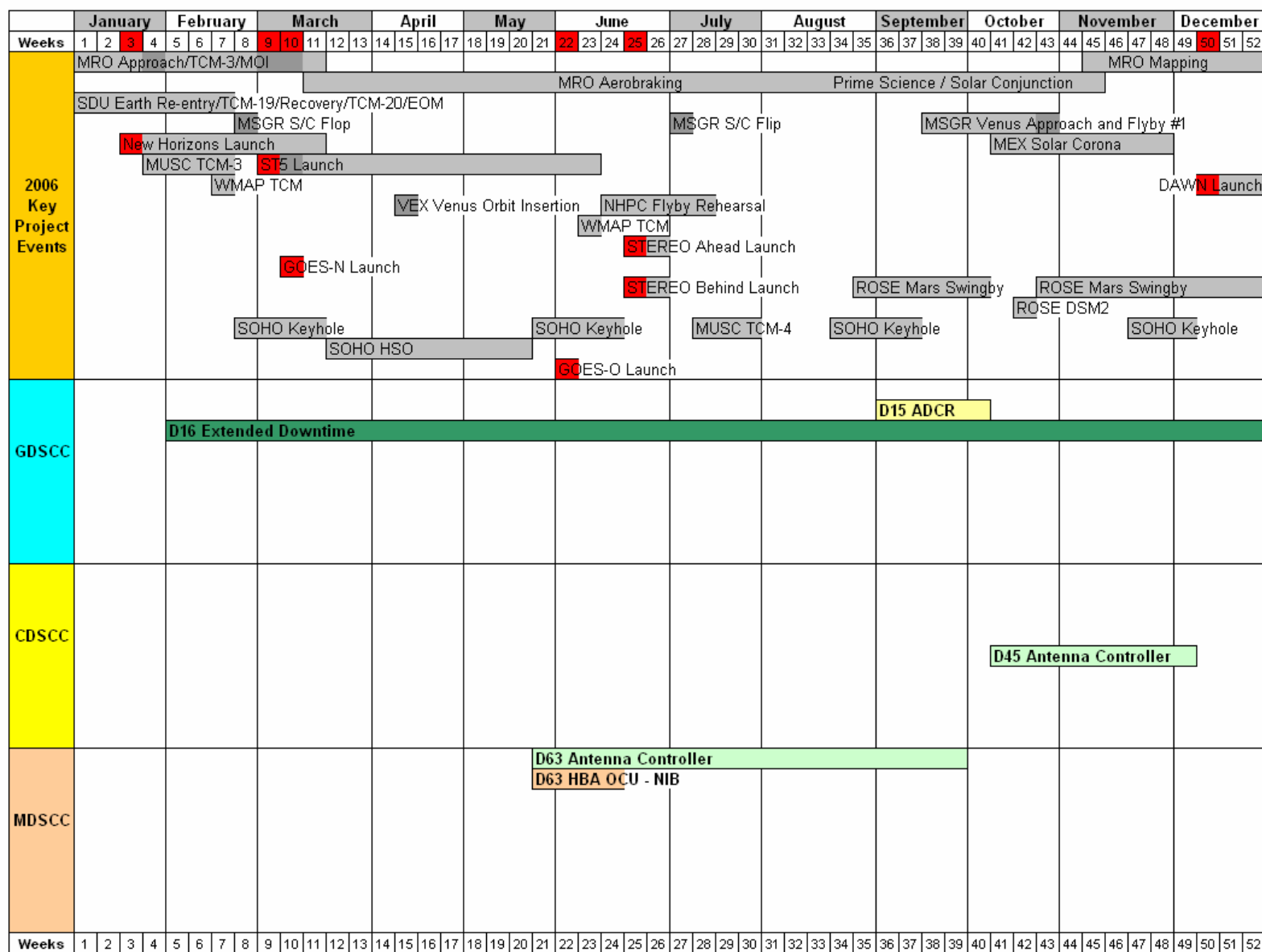
Major DSN Downtimes by Date

01/18/2006 18:39 UTC Time

Wednesday, January 18, 2006 3:38:52 PM Your Local Time

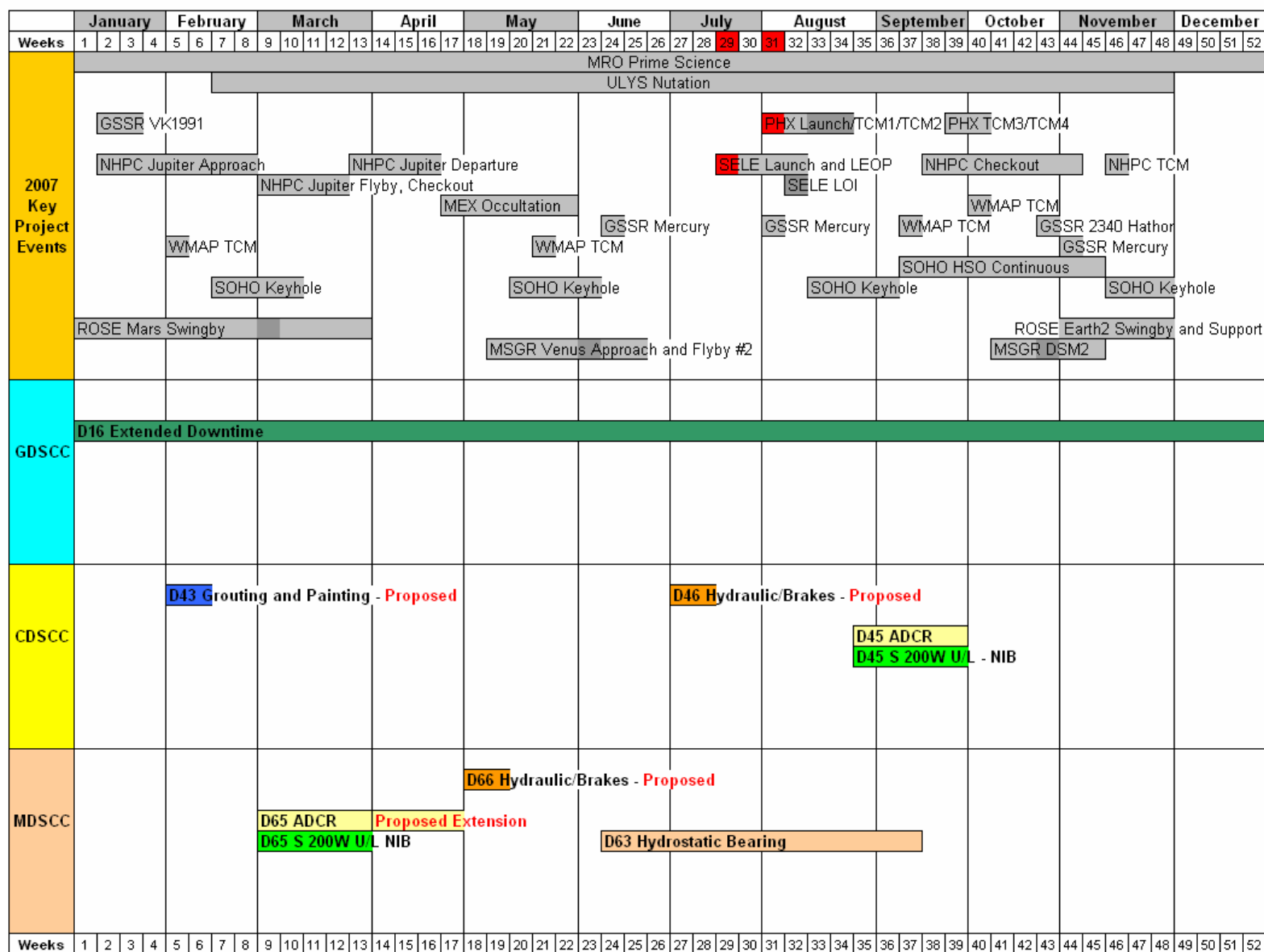
2006							
Site	Description	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 16	Extended Downtime	01/30/2006 16:00	12/31/2009 23:59	1432	05 - 53	030	365
DSS 63	Antenna Controller Replacement	05/22/2006 00:00	10/01/2006 23:59	133	21 - 39	142	274
DSS 63	NIB - HBA Oil Condition Unit	05/22/2006 00:00	06/18/2006 23:59	28	21 - 24	142	169
DSS 15	Antenna Drive Cabinet Refurbishment	09/04/2006 00:00	10/08/2006 23:59	35	36 - 40	247	281
DSS 45	Antenna Controller Replacement	10/08/2006 22:00	12/10/2006 23:59	64	40 - 49	281	344
2007							
Site	Description	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 65	Antenna Drive Cabinet Refurbishment	02/26/2007 00:00	04/01/2007 23:59	35	09 - 13	057	091
DSS 63	Hydrostatic Bearing Replacement	06/12/2007 00:00	09/16/2007 23:59	97	24 - 37	163	259
DSS 45	Antenna Drive Cabinet Refurbishment	08/27/2007 00:00	09/30/2007 23:59	35	35 - 39	239	273
DSS 45	NIB - S-Band 200W U/L Install	08/27/2007 00:00	09/30/2007 23:59	35	35 - 39	239	273

Antenna Downtime Status And Forecast 2006



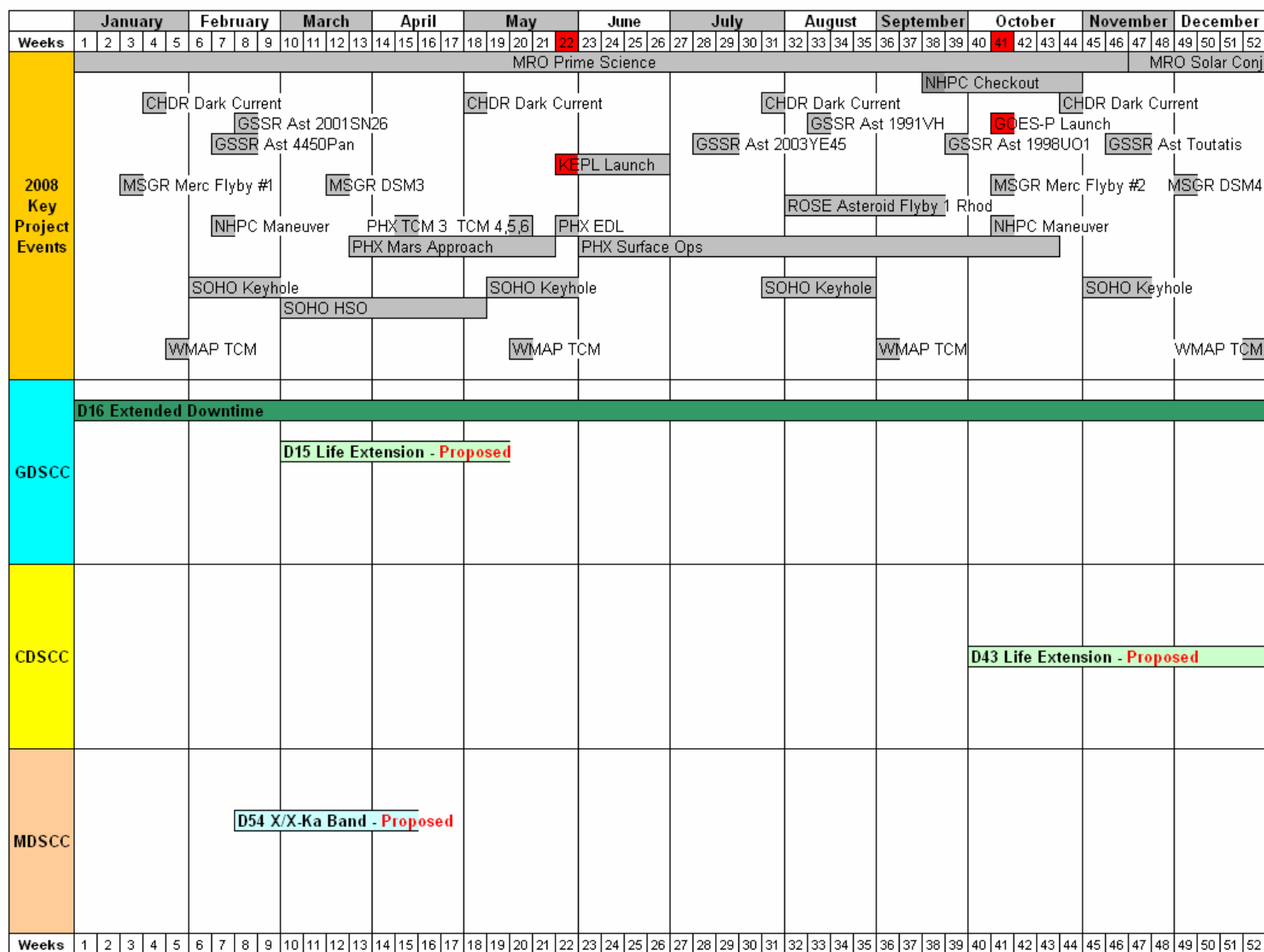
Revised: January 23, 2006

Antenna Downtime Status And Forecast 2007



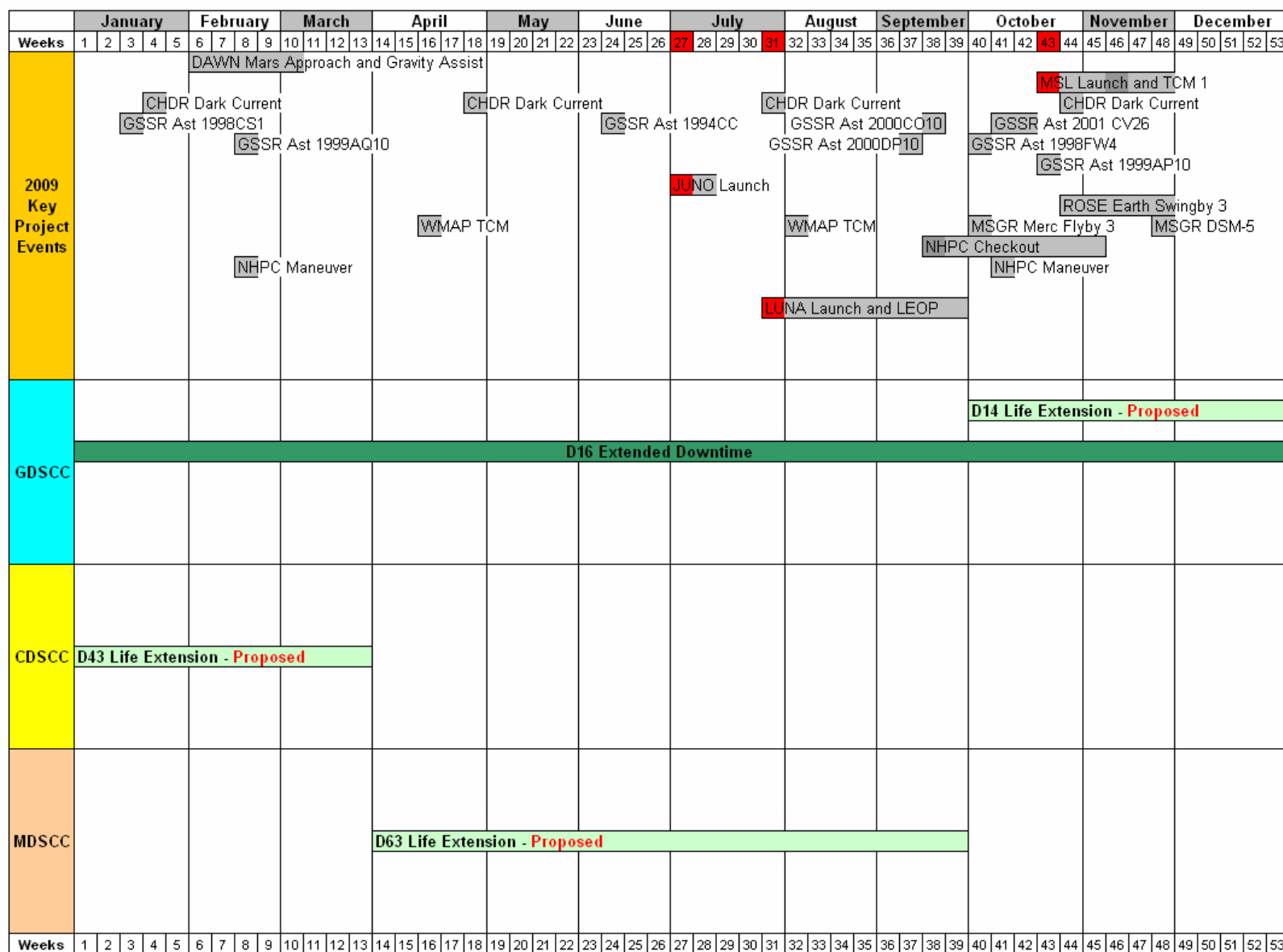
Revised: February 1, 2006

Antenna Downtime Status And Forecast 2008



Revised: February 1, 2006

Antenna Downtime Status And Forecast 2009



Revised: February 1, 2006

DSN Resource Implementation Planning Matrix By Complex

Complex	Station	Subnet	S-Band		X-Band		Ka-Band		NSP/ TT&C
			Down	Up	Down	Up	Down	Up	
10	DSS-14	70M	✓	✓	✓	✓	N/A	N/A	✓
10	DSS-15	34HEF	✓	N/A	✓	✓	N/A	N/A	✓
10	DSS-16	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
10	DSS-24	34B1	✓	✓	✓	✓	N/A	N/A	✓
10	DSS-25	34B2	N/A	N/A	✓	✓	✓	✓	✓
10	DSS-26	34B2	N/A	N/A	✓	✓	✓ ✓ ✓	N/A	✓
10	DSS-27	34HSB	✓	✓	N/A	N/A	N/A	N/A	12/01/05
40	DSS-34	34B1	✓	✓	✓	✓	✓ ✓ ✓	N/A	✓
40	DSS-43	70M	✓	✓	✓	✓	N/A	N/A	✓
40	DSS-45	34HEF	✓	N/A	✓	✓	N/A	N/A	✓
40	DSS-46	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
60	DSS-54	34B1	✓	✓	✓	✓	TBD	N/A	✓
60	DSS-55	34B2	N/A	N/A	✓	✓	02/15/06	N/A	✓
60	DSS-63	70M	✓	✓	✓	✓	N/A	N/A	✓
60	DSS-65	34HEF	✓	N/A	✓	✓	N/A	N/A	✓
60	DSS-66	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
N/A = Capability Not Planned xx/xx/xx = Capability Date Recently Change As of: 12/15/05 ✓ ✓ ✓ = Capability Recently Exists ✓ = Capability Exists									

DSN Resource Implementation Planning Matrix By Complex

Complex	Station	Subnet	S-Band		X-Band		Ka-Band		NSP/ TT&C
			Down	Up	Down	Up	Down	Up	
10	DSS-14	70M	✓	✓	✓	✓	N/A	N/A	✓
10	DSS-15	34HEF	✓	N/A	✓	✓	N/A	N/A	✓
10	DSS-16	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
10	DSS-24	34B1	✓	✓	✓	✓	N/A	N/A	✓
10	DSS-25	34B2	N/A	N/A	✓	✓	✓	✓	✓
10	DSS-26	34B2	N/A	N/A	✓	✓	✓	N/A	✓
10	DSS-27	34HSB	✓	✓	N/A	N/A	N/A	N/A	✓ ✓ ✓
40	DSS-34	34B1	✓	✓	✓	✓	✓ ✓ ✓	N/A	✓
40	DSS-43	70M	✓	✓	✓	✓	N/A	N/A	✓
40	DSS-45	34HEF	✓	N/A	✓	✓	N/A	N/A	✓
40	DSS-46	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
60	DSS-54	34B1	✓	✓	✓	✓	04/15/08	N/A	✓
60	DSS-55	34B2	N/A	N/A	✓	✓	02/15/06	N/A	✓
60	DSS-63	70M	✓	✓	✓	✓	N/A	N/A	✓
60	DSS-65	34HEF	✓	N/A	✓	✓	N/A	N/A	✓
60	DSS-66	26M	✓	✓	N/A	N/A	N/A	N/A	N/A
<div> N/A = Capability Not Planned xx/xx/xx = Capability Date Recently Change As of: 02/02/06 </div> <div> ✓ ✓ ✓ = Capability Recently Exists ✓ = Capability Exists </div>									